

PRODUCT IDENTITY

PRODUCT NAME	D-Asparagine monohydrate	PRODUCT NUMBER	A110994
Grades & Purity	≥99%	VERSION	3
CAS NUMBER	5794-24-1	FORMULA	C ₄ H ₈ N ₂ O ₃ ·H ₂ O
FORMULA WEIGHT	150.13g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Specific Rotation [α] _{20/D} (c=10 in HCL(1+3))	-32.3--30.3 (°)
Purity(HPLC)	99-100 (%)
Loss on drying	11.5-12.5 (%)
Appearance (A110994)	White or off-white powder
Proton NMR spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless to pale yellow transparent solution	pass